



### TROPICAL CYCLONE BULLETIN NO. 4

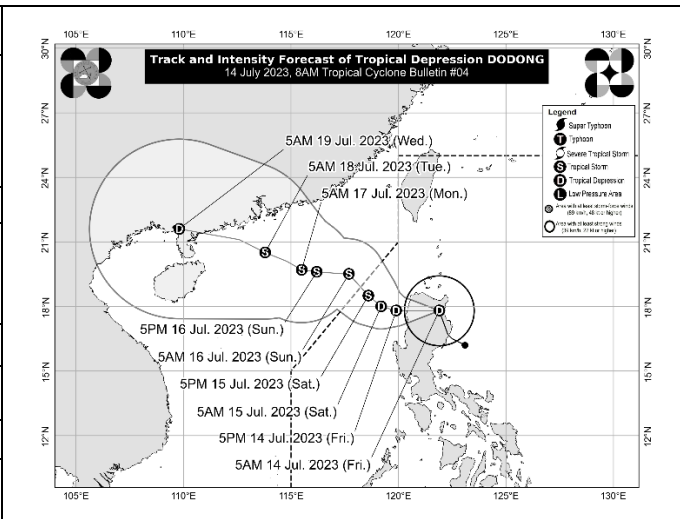
#### Tropical Depression DODONG

Issued at 8:00 AM, 14 July 2023

Valid for broadcast until the next bulletin at 11:00 AM today.


### DODONG TURNS NORTH NORTHWESTWARD OVER THE CAGAYAN VALLEY AND IS NOW OVER THE NORTHWESTERN CAGAYAN AREA

<b>Location of Center (7:00 AM)</b>
The center of Tropical Depression DODONG was estimated based on all available data in the vicinity of <b>Lasam, Cagayan (18.1°N, 121.5°E)</b>
<b>Intensity</b>
Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>75 km/h</b> , and central pressure of <b>1000 hPa</b>
<b>Present Movement</b>
<b>North northwestward at 25 km/h</b>
<b>Extent of Tropical Cyclone Winds</b>
<b>Strong winds</b> extend outwards up to <b>180 km</b> from the center



### TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
<b>12-Hour Forecast</b> 5:00 PM 14 July 2023	17.8	119.9	Over the coastal waters of Cabugao, Ilocos Sur	45	TD	W 20
<b>24-Hour Forecast</b> 5:00 AM 15 July 2023	18.0	119.2	135 km West of Sinait, Ilocos Sur	55	TD	WNW Slowly
<b>36-Hour Forecast</b> 5:00 PM 15 July 2023	18.5	118.6	205 km West of Laoag City, Ilocos Norte	65	TS	NW Slowly
<b>48-Hour Forecast</b> 5:00 AM 16 July 2023	19.5	117.7	395 km West of Calayan, Cagayan (OUTSIDE PAR)	65	TS	NW 10
<b>60-Hour Forecast</b> 5:00 PM 16 July 2023	19.6	116.2	555 km West of Calayan, Cagayan (OUTSIDE PAR)	75	TS	W 15
<b>72-Hour Forecast</b> 5:00 AM 17 July 2023	19.7	115.5	630 km West of Calayan, Cagayan (OUTSIDE PAR)	75	TS	W Slowly
<b>96-Hour Forecast</b> 5:00 AM 18 July 2023	20.5	113.8	850 km West of Extreme Northern Luzon (OUTSIDE PAR)	75	TS	WNW 10
<b>120-Hour Forecast</b> 5:00 AM 19 July 2023	21.6	109.8	1,250 km West of Extreme Northern Luzon (OUTSIDE PAR)	55	TD	WNW 20

Prepared by:   
 PCDM

Checked by:   
 RPG



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
<b>1</b> Wind threat: <b>Strong winds</b>	<b>Cagayan, Isabela, Apayao, Kalinga, Abra, Mountain Province, Ifugao, Benguet, Ilocos Norte, Ilocos Sur, La Union, and the northern portion of Pangasinan</b> (San Nicolas, San Manuel, Sison, San Fabian, Pozorrubio, Bolinao, Bani, City of Alaminos, Sual, Labrador, Lingayen, Agno, Binmaley, Dagupan City, San Jacinto, Mangaldan, Anda)	-	-
	Warning lead time: <b>36 hours</b> Range of wind speeds: <b>39 to 61 km/h (Beaufort 6 to 7)</b> Potential impacts of winds: <b>Minimal to minor threat to life and property</b>		

HAZARDS AFFECTING LAND AREAS
<p><b><u>Heavy Rainfall Outlook</u></b></p> <p><b>Forecast accumulated rainfall for today to tomorrow early morning</b></p> <ul style="list-style-type: none"> <li>• <b>50-100 mm:</b> Cagayan, Isabela, Quirino, Nueva Vizcaya, Apayao, Kalinga, Abra Benguet, Ilocos Norte, La Union, and Pangasinan</li> </ul> <p>Under these conditions, <b>flooding and rain-induced landslides are possible</b>, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p><b>For more information on the areas affected by occasional to frequent rains from the Southwest Monsoon enhanced by DODONG refer to the Weather Advisory #3 for Southwest Monsoon issued at 11:00 PM yesterday and the 24-Hour Public Weather Forecast at 4:00 AM today.</b></p> <p><b><u>Severe Winds</u></b></p> <p>Minimal to minor impacts from strong winds (i.e., strong breeze to near gale strength) are also possible within any of the areas where Wind Signal No.1 is currently in effect.</p> <p>The enhanced Southwest Monsoon may bring gusty conditions over the following areas (especially in coastal and upland/mountainous areas exposed to winds):</p> <ul style="list-style-type: none"> <li>• <b>Today:</b> MIMAROPA, Bicol Region, Western Visayas, CALABARZON, Metro Manila, and other areas of Central Luzon not under any wind signal.</li> <li>• <b>Tomorrow:</b> MIMAROPA, Bicol Region, Western Visayas, CALABARZON, Zambales, Bataan, and Aurora</li> <li>• <b>Sunday:</b> MIMAROPA, Bicol Region, Western Visayas, Cavite, Zambales, and Bataan.</li> </ul>
HAZARDS AFFECTING COASTAL WATERS
<p>In the next 24 hours, DODONG and the enhanced Southwest Monsoon may bring moderate to rough seas over the eastern (1.5 to 2.5 m) and western (2.0 to 3.5 m) seaboard of Northern Luzon, and the western seaboard of Central and Southern Luzon (2.0 to 3.5 m). <b>Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea. If inexperienced or operating ill-equipped vessels, avoid navigating in these conditions.</b></p>

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Checked by:  RPG



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**TRACK AND INTENSITY OUTLOOK**

- **The track forecast scenario has considerably changed from the past bulletin.** DODONG is forecast to move westward or west northwestward across the northern portion of mainland Northern Luzon and may emerge over the waters west of Ilocos Region. Afterwards, DODONG will move generally northwestward over the West Philippine Sea until it exits the Philippine Area of Responsibility (PAR) tomorrow or on Sunday. Outside the PAR, DODONG will move generally west northwestward over the waters south of southern China.
- DODONG will remain as a tropical depression during the remainder of its traverse of mainland Northern Luzon. It may reach tropical storm category by tomorrow afternoon or evening while over the West Philippine Sea

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

**DOST-PAGASA**

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